

## WEST Search History

DATE: Wednesday, January 03, 2007

Hide?	Set Name	Query	Hit Count
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*DB=DWPI; PLUR=YES; OP=OR*

<input type="checkbox"/>	L10	soucaille	16
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*DB=PGPB,USPT; PLUR=YES; OP=OR*

<input type="checkbox"/>	L9	soucaille	13
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<input type="checkbox"/>	L8	zink and soucaille	2
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<input type="checkbox"/>	L7	chateau and soucaille	2
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<input type="checkbox"/>	L6	L4 and biosynthesis	23
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<input type="checkbox"/>	L5	L4 and NADPH	7
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<input type="checkbox"/>	L4	L2 and microorganism	69
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<input type="checkbox"/>	L3	L2 and NADP	3
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<input type="checkbox"/>	L2	L1 and evolve?	110
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<input type="checkbox"/>	L1	435/243	2326
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END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 10 of 23 returned.

- ☐ 1. 7009045. 13 Jul 01; 07 Mar 06. Transformation systems for flavinogenic yeast. Abbas; Charles, et al. 536/24.1; 435/243 435/255.1 435/255.4 435/255.5 435/320.1 435/440 435/471 435/476 435/483 536/23.1. C07H21/04 20060101 C12N1/16 20060101 C12N15/81 20060101 .
- ☐ 2. 6989265. 23 Jan 02; 24 Jan 06. Bacteria with reduced genome. Blattner; Frederick R., et al. 435/252.8;. C12N1/20 20060101 .
- ☐ 3. 6987017. 20 Aug 02; 17 Jan 06. Methods for producing L-isoleucine. Guillouet; Stephane, et al. 435/243; 435/252.1 435/252.3 435/252.32 435/254.1 435/41. C12N1/00 20060101 .
- ☐ 4. 6977167. 13 Sep 02; 20 Dec 05. Mixtures of omega-3 and omega-6 highly unsaturated fatty acids from euryhaline microorganisms. Barclay; William R.. 435/134; 435/135 435/171 435/243 435/257.1 435/42 435/946. C12N001/00 C12N001/12 C12P001/02 C12P007/62 C12P039/00 .
- ☐ 5. 6953679. 19 Dec 01; 11 Oct 05. Method for the preparation of fused heterocyclic succinimide compounds and analogs thereof. Salvati; Mark E., et al. 435/121;. C12P017/10 C12N001/00 .
- ☐ 6. 6905670. 22 May 02; 14 Jun 05. Methods of screening compounds useful for prevention of infection or pathogenicity. Ausubel; Frederick M., et al. 424/9.1; 424/234.1 424/93.1 424/93.2 424/93.5 435/243 435/254.1 435/254.11 435/4 435/440 536/23.1 536/23.2. A61K049/00 A01N063/00 A01N063/04 .
- ☐ 7. 6727070. 31 Jan 01; 27 Apr 04. Protein/solubility folding assessed by structural complementation. Thomas; Philip Jordan, et al. 435/7.1; 435/183 435/252.33 435/254.11 435/325 435/348 435/69.1 435/69.7 435/7.6 435/7.8 435/7.9 435/71.1 435/8 435/91.4 436/501 530/300 530/350 530/387.1 536/23.1 536/23.4 536/24.1. G01N033/53 G01N033/566 C12P021/06 C07H021/04 C07K014/00 .
- ☐ 8. 6685935. 21 Jul 99; 03 Feb 04. Vectors for the diagnosis and treatment of solid tumors including melanoma. Pawelek; John M., et al. 424/93.2; 424/282.1 435/243 435/4 536/23.1. A01N063/00 A61K045/00 C12Q001/00 C12N001/00 C07H021/00 .
- ☐ 9. 6673538. 21 Apr 00; 06 Jan 04. Methods and compositions for designing vaccines. Goldstein; Richard N.. 435/6; 435/243. C12Q001/68 C12N007/00 .
- ☐ 10. 6365410. 19 May 99; 02 Apr 02. Directed evolution of microorganisms. Schellenberger; Volker, et al. 435/488; 435/243 435/252.3 435/252.33 435/320.1 435/440. C12N015/74 .

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- ☐ 11. [6190657](#). 04 Jun 96; 20 Feb 01. Vectors for the diagnosis and treatment of solid tumors including melanoma. Pawelek; John M., et al. 424/93.1; 424/282.1 424/93.2 435/243 435/252.3 435/4 435/69.1 436/543 536/23.1. A01N063/00 C12Q001/00 C12N001/20 C07H021/04 .
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- ☐ 12. [6162640](#). 23 May 95; 19 Dec 00. Selection methods. Wohlstadter; Jacob Nathaniel. 435/325; 435/243 435/440 435/6. C12N005/00 C12N001/00 C12N015/01 C12Q001/68 .
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- ☐ 13. [6066499](#). 23 May 95; 23 May 00. Selection methods. Wohlstadter; Jacob Nathaniel. 435/325; 435/243 435/440 435/6. C12N005/00 C12N001/00 C12N015/01 C12Q001/68 .
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- ☐ 14. [6043093](#). 07 Jun 95; 28 Mar 00. Selection methods. Wohlstadter; Jacob Nathaniel. 435/440; 435/243 435/325 435/6. C12N015/01 C12N005/00 C12N001/00 C12Q001/68 .
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- ☐ 15. [6027888](#). 04 Apr 97; 22 Feb 00. Methods for producing soluble, biologically-active disulfide-bond containing eukaryotic proteins in bacterial cells. Georgiou; George, et al. 435/6; 435/243 435/320.1 435/69.1 435/91.1 530/350 536/23.2 536/23.5. C12Q001/68 C12P021/00 C12N001/00 C07H021/04 .
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- ☐ 16. [6020166](#). 22 Mar 99; 01 Feb 00. Nucleic acid encoding an altered telomere repeat binding factor 2. De Lange; Titia, et al. 435/69.1; 435/243 435/252.3 435/320.1 435/325 435/410 536/23.1 536/23.5. C12P021/02 C12N001/00 C12N005/10 C12N015/12 C12N015/63 .
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- ☐ 17. [5985348](#). 26 Aug 97; 16 Nov 99. Milk products having high concentrations of omega-3 highly unsaturated fatty acids. Barclay; William R.. 426/580; 426/2 426/53 426/635. A23C001/187 .
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- ☐ 18. [5698244](#). 07 Jun 95; 16 Dec 97. Method for raising animals having high concentrations of omega-3 highly unsaturated fatty acids. Barclay; William R.. 426/2; 426/53 426/635 426/807. A01K067/00 .
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- ☐ 19. [5656319](#). 18 Aug 94; 12 Aug 97. Food product with high concentrations of omega-3 highly unsaturated fatty acids. Barclay; William R.. 426/574; 426/2 426/49 426/53 426/602 426/614 426/643 426/644 426/645 435/134 435/243 435/946. A23L001/00 .
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- ☐ 20. [5650320](#). 20 Apr 94; 22 Jul 97. Lanthionine antibiotic compositions and methods. Caufield; Page W., et al. 435/252.3; 435/252.33 435/253.4 435/320.1 536/23.7. C12N001/21 C12N015/63 C07H021/04 .
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☐ 21. [5545553](#). 26 Sep 94; 13 Aug 96. Glycosyltransferases for biosynthesis of oligosaccharides, and genes encoding them. Gotschlich; Emil C.. 435/252.33; 435/193 435/243 435/320.1 435/72 536/23.2. C12P019/00 .

☐ 22. [5340594](#). 10 Jul 92; 23 Aug 94. Food product having high concentrations of omega-3 highly unsaturated fatty acids. Barclay; William R.. 426/49; 426/53 426/601 435/134 435/243 435/946. A23D009/00 .

☐ 23. [5130242](#). 11 Sep 90; 14 Jul 92. Process for the heterotrophic production of microbial products with high concentrations of omega-3 highly unsaturated fatty acids. Barclay; William R.. 435/134; 426/49 426/53 426/601 435/243 435/946. C12P007/64 C12N001/00 A23B007/10 A23D009/00 .

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☐ 1. [20060270013](#). 17 Feb 04. 30 Nov 06. Method for the production of evolved microorganisms which permit the generation or modification of metabolic pathways. [Chateau](#); Michel, et al. 435/193; 435/252.3 435/471 C12N1/21 20070101 C12N15/74 20070101 C12N9/10 20070101

☐ 2. [20050054060](#). 18 Feb 04. 10 Mar 05. Method for the preparation of an evolved microorganism for the creation or the modification of metabolic pathways. [Chateau](#), Michel, et al. 435/106; 435/115 435/252.3 C12P013/04 C12P013/08 C12N009/08 C12N001/21.

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## Search Results - Record(s) 1 through 10 of 13 returned.

- ☐ 1. 20060270013. 17 Feb 04. 30 Nov 06. Method for the production of evolved microorganisms which permit the generation or modification of metabolic pathways. Chateau; Michel, et al. 435/193; 435/252.3 435/471 C12N1/21 20070101 C12N15/74 20070101 C12N9/10 20070101
- ☐ 2. 20060121581. 03 Oct 03. 08 Jun 06. Production of bacterial strains cross reference to related applications. Cervin; Marguerite A., et al. 435/108; 435/252.33 435/488 536/23.2 C07H21/04 20060101 C12N1/21 20060101 C12N15/74 20060101 C12P13/22 20060101
- ☐ 3. 20060014146. 18 Apr 03. 19 Jan 06. Method of creating a library of bacterial clones with varying levels of gene expression. Soucaille; Philippe, et al. 435/6; 435/471 C12Q1/68 20060101 C12N15/74 20060101
- ☐ 4. 20050209687. 20 Apr 05. 22 Sep 05. Artificial vessel scaffold and artifical organs therefrom. Sitzmann, James V., et al. 623/1.41; 435/398 623/2.13 623/23.64 623/3.17 A61F002/06 A61F002/24 A61M001/12 C12N005/08 A61F002/04.
- ☐ 5. 20050147968. 22 Apr 03. 07 Jul 05. Promoter and plasmid system for genetic engineering. Payne, Mark S., et al. 435/6; 435/233 435/252.35 435/471 435/69.3 536/23.2 C12Q001/68 C07H021/04 C12N009/90 C12N015/74 C12N001/21.
- ☐ 6. 20050079617. 03 Dec 03. 14 Apr 05. Glucose transport mutants for production of biomaterial. Cervin, Marguerite A., et al. 435/471; C12N015/74.
- ☐ 7. 20050054060. 18 Feb 04. 10 Mar 05. Method for the preparation of an evolved microorganism for the creation or the modification of metabolic pathways. Chateau, Michel, et al. 435/106; 435/115 435/252.3 C12P013/04 C12P013/08 C12N009/08 C12N001/21.
- ☐ 8. 20040235099. 18 Dec 03. 25 Nov 04. Promoter and plasmid system for genetic engineering. Payne, Mark S., et al. 435/69.1; 435/234 435/252.3 435/320.1 536/23.2 C12N009/92 C07H021/04 C12N001/21.
- ☐ 9. 20040152174. 06 Oct 03. 05 Aug 04. Process for the biological production of 1,3-propanediol with high yield. Cervin, Marguerite A., et al. 435/106; 435/252.33 C12P013/04 C12N001/21.
- ☐ 10. 20030175916. 09 Jan 02. 18 Sep 03. Method for preparing 1,3-propanediol by a recombinant micro-organism in the absence of coenzyme B12 or one of its precursors. Sarcabal, Patricia, et al. 435/158; 435/189 435/252.3 435/320.1 435/69.1 536/23.2 C12P007/18 C07H021/04 C12N009/02 C12N001/21 C12N015/74.

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☐ 11. 7132527. 18 Dec 03; 07 Nov 06. Promoter and plasmid system for genetic engineering. Payne; Mark S., et al. 536/24.1; 435/252.33 435/320.1. C07H21/04 20060101 C12N1/20 20060101 C12N15/00 20060101 C12N15/09 20060101 C12N15/63 20060101 C12N15/70 20060101 C12N15/74 20060101 .

☐ 12. 6960465. 27 Jun 02; 01 Nov 05. Increased cell resistance to toxic organic substances. Papoutsakis; Eleftherios T., et al. 435/252.3; 435/128 435/132 435/170 435/171 435/252.7 435/252.9 435/41. C12N001/00 C12P001/00 .

☐ 13. 4966850. 19 Apr 89; 30 Oct 90. Production of thermostable xylanase and cellulase. Yu; Ernest K. C., et al. 435/200; 435/209 435/814. C12N009/24 C12N009/42 .

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- 
- ☐ 1. [WO2006082252A](#). Enzymatic production of alpha-ketobutyrate and its derivatives such as isoleucine useful in e.g. nutritional supplement involves gamma-elimination of activated homoserine with enzymes having high gamma-elimination activity. FIGGE, R, et al. C12N001/20 C12P007/40 C12P007/42 C12P013/00 C12P013/06.
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- ☐ 2. [WO2006082254A](#). New microorganism expressing enzymes comprising cystathionine-gamma-synthase, phosphohomoserine sulfhydrylase and/or acylhomoserine sulfhydrylase activities, useful for the fermentative preparation of methionine. BESTEL-CORRE, G, et al. C12N001/21 C12N005/00 C12N009/10 C12P013/00 C12P013/04 C12P013/12.
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- ☐ 3. [WO2005111202A](#). Preparing methionine in fermentative process with microorganism, where L-homoserine is converted into O-succinylhomoserine with a homoserine transsuccinylase, comprises culturing the microorganism on a medium and recovering methionine. BESTEL-CORRE, G A, et al. C12N009/00.
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- ☐ 4. [WO2005108561A](#). Preparing methionine, its precursors or derived products, comprises culturing microorganism producing homoserine transsuccinylase having reduced sensitivity for feedback inhibitors on appropriate medium. BESTEL-CORRE, G, et al. C12N009/00.
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- ☐ 5. [FR 2864967A](#). Preparation of micro-organisms for production of 1,2-propanediol for use e.g. in polyesters, involves culture of an initial strain with deletion of certain genes and evolution of genes with better propanediol synthase activity. GONZALEZ, B, et al. C12N001/14 C12N001/21 C12N009/02 C12N015/01 C12P007/02 C12P007/18 C12P007/24 C12P007/28.
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- ☐ 6. [FR 2862068A](#). New strain of microorganism with deletion of genes involved in oxidation of reduced nicotinamide-adenine dinucleotide phosphate, useful for producing e.g. amino acids and vitamins. BESTEL-CORRE, G, et al. C12N001/19 C12N001/21 C12N009/02 C12N009/92 C12N015/09 C12P007/00 C12P007/18 C12P013/00 C12P033/00 C12P033/16 C12N001/19 C12R001:865 C12N001/21 C12R001:19 C12P007/18 C12R001:865 C12P007/18 C12R001:19 C12P033/16 C12R001:865.
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- ☐ 7. [WO2004076659A](#). New evolved microorganisms with altered metabolic pathways, useful e.g. for production of amino acids, are selected as mutants able to grow on defined media. CHATEAU, M, et al. C12N001/21 C12N009/00 C12N009/08 C12N009/10 C12N015/01 C12N015/09 C12N015/10 C12N015/52 C12N015/54 C12N015/74 C12P011/00 C12P013/00 C12P013/04 C12P013/06 C12P013/08 C12P013/12 C12P021/00 C12N001/21 C12R001:19 C12P013/12 C12R001:19 C12N001/21 C12R001:15 C12N001/21 C12R001:19.
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- ☐ 8. [FR 2851256A](#). Preparing genetically modified bacteria, useful for preparation of L-methionine from alkyl mercaptan, by modifying an enzyme to improve methionine synthase activity. CHATEAU, M, et al. C12N001/21 C12N009/10 C12N015/01 C12P013/12 C12P013/12 C12R001:19 C12P013/12 C12R001:15.
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- ☐ 9. [FR 2851255A](#). New strains of microorganisms that produce 2-amino-4-alkylthio-butyric acid, useful for preparing L-methionine, from simple carbon source and a mercaptan or its salt, have modified methionine synthase activity. CHATEAU, M, et al. C12N001/21 C12N009/10 C12N015/01



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☐ 10. WO2004033646A. New Escherichia coli strain comprising an up-regulated endogenous galP and yqhD gene encoding an active galactose-proton symporter, and alcohol dehydrogenase, respectively, useful for producing 1,3 propanediol. CERVIN, M A, et al. C12N000/00 C12N000/00000 C12N001/00 C12N001/21 C12N015/09 C12N015/54 C12N015/70 C12P007/02 C12P007/18 C12P013/04.

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